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BULLETIN.  
no. 42

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## BULLETIN

OF THE



# CALIFORNIA STATE

FERRY BUILDING.

## LEWIS E. AUBURY, S.

## SHOWING BY COUNTIES THE MINERAL PRODUCE

COMPILED BY CHARLES C.

(FROM DIRECT RETURNS)

COUNTIES.	METALLIC.						NON-METALLIC.						HYDROCARBONS AND GASES.					
	PRECIOUS METALS. AS PER RETURNS TO U. S. MINT AT SAN FRANCISCO.		COPPER.		QUICKSILVER.		MISCELLANEOUS. CHROME, LEAD, PLATINUM, PYRITES, AND TUNGSTEN.		MINERAL WATERS.		BORAX, SALT, AND SODA.		MISCELLANEOUS. ASBESTOS, COAL, FULLER'S EARTH, INFUSORIAL EARTH, GYPSUM, LITHIA MICA, MAGNESITE, MINERAL PAINT, AND GEMS.		ASPHALTUM, BITUMINOUS ROCK, AND NATURAL GAS.		PETROLEUM.	
	GOLD.	SILVER.					Tons.	Pyrites.	Gallons.	Value.	Tons.	Value.	Quantity.	Value.	Quantity.	Value.	Bbls.	Va
Alameda							(c) 15,503	\$63,958					49,100	\$54,200				
Alpine	\$575																	
Amador	2,445,815	\$17,930	10,000	\$1,560														
Butte	2,607,500	7,134					Ounces. 110	Platinum. 1,770	15,000	\$1,500								
Calaveras	1,736,816	78,859	3,666,810	572,022			Tons. 20	Chrome. 300										
Colusa					(b) 326	\$12,321							18	Salt. 225				
Contra Costa																		
Del Norte	10,590						Ounces. 1.5	Platinum. 22										
El Dorado	384,735	2,525	160,000	24,960														
Fresno	40,037	9,187	1,440,000	224,640														
Humboldt	45,824						Ounces. 12.5	Platinum. 204										
Inyo	135,959	29,741	151,606	23,649			Pounds. 345,680	Lead. 16,247										
Kern	1,160,971	134,944					Tons. 52	Tungsten. 18,800										
Kings						250	9,000											
Lake							1,462	51,937					489,000	219,500				
Lassen																		
Los Angeles	15,035	100											175,000	31,250	12,000	20,000	11,500	Gypsum. 43,500
Madera	50,867	10,014																Tons. 23,718
Marin																		Asphalt. 119,430
Mariposa	386,380	5,231	12,541	1,956			Ounces. 1.5	Platinum. 25										2,854,564
Mendocino	40												90,000	18,000				1,056
Merced																		
Mono	308,884	11,240																
Monterey	4,000												5,000	1,000				
Napa							4,853	171,910					279,400	89,500				

**LETIN No. 42**

OF THE



# MINING BUREAU,

SAN FRANCISCO.

## RY, STATE MINERALOGIST.

## INTRODUCTIONS OF CALIFORNIA FOR THE YEAR 1905.

CHARLES G. YALE, STATISTICIAN.

CHARLES G. FAIR,  
RECEIVED REPORTS BY PRODUCERS.

Tons are of 2,000 pounds. Spot values.

Counties not mentioned made no mineral production during 1905.  
 \* This Bureau has never independently collected statistics of precious metal output, but has used totals and distribution by county, as obtained at the United States Mint, San Francisco.  
 (a) Commercial value

(a) Commercial value.  
 (b) Flasks of 75 pounds.

(e) Utilized for Sulphur

(d) Tons and value for crude.  
(e) Tons and value for crude.

(e) Tons and value for crude.  
(f) Value of that commercially ass

(g) Barrels of 42 gallons. Prices, av.

(h) Includes common, pressed, and fire.

(i) Barrels average 220 lbs.

(j) For smelting-flux, beet-sugar manufacture, and paving.

(k) For sea-wall construction, rip-rap, railroad ballast, concrete, etc.  
(l) Uncoated sand includes product of single mines, etc., in counties as set

(1) Unapportioned includes product of single mines, etc., in counties, so as to conceal their identity. For this reason it is necessary to put under this heading borax, soda, coal, Portland cement, Fuller's earth, Magnesite, some gold and silver, and a few other substances formerly credited to certain counties. This causes an apparent, but not real, falling off in output of Lassen, Los Angeles, Napa, San Bernardino, Siskiyou, and a few other counties, where these "unapportioned" substances occur. If credited to the exact county, where there is only a single operator, private business would be made public. Under these circumstances, the figures of values of output in some counties do not actually represent their relative rank, as some of the products may be placed under "unapportioned."

MISCELLANEOUS TOTALS.—METALLI

MISCELLANEOUS METALS.		40 tons	\$6
Chromite	.....	40 tons	\$6
Lead	.....	533,680 lbs.	25.0
Platinum	.....	200 ozs	3.3
Pyrites	.....	15,503 tons	63.9
Tungsten	.....	52 tons	18.8
			\$111,7

MISCELLANEOUS TOTALS.—Non-M.

ANNOUS TOTALS, -NON-METALLIC.

MISCELLANEOUS TOTALS.—HYDROCARBONS AND GASES

MATERIALS USED IN THE PRODUCTION OF HYDROCARBONS AND GASES.					
112 tons	\$2,625	Asphaltum	40,304 tons	\$285,290	
46,500 tons	144,500	Bituminous Rock	24,753 tons	60,436	
1,334 tons	38,000	Natural Gas	148,345 M.cu.ft.	102,479	
12,850 tons	54,500				
3,000 tons	15,000				
25 tons	276				
3,933 tons	16,221				
754 tons	4,025				
	148,500				
	\$423,647	TOTALS.—SALTS.			
		Borax (Crude)	48,334 tons	\$1,019,158	
		Salt	77,118 tons	141,925	
		Soda (crude)	16,000 tons	22,500	
					\$1,183,583

MISCELLANEOUS TOPICS—STATISTICS, METHODS, ETC.

miscellaneous totals.—structural materials.	
	9,257 tons
	73,303 cu. ft.
	3,404 M.
ks.	134,347
udes Concrete).	1,133,802 tons
	774,267
	4,000 sqrs.
	300 tons
	3,000
	\$1,089,185

Journal of Clinical Gastroenterology, Vol 37, No 10, December 2003, pp 829-836

common, pressed, and tire)	286,618 M.	\$2,273,786
(Portland)	1,245,553 bbls.	1,794,916
or Pottery, Sewer-pipe, etc.	133,805 tons	130,146

Barroso, Sanderson, and Gómez

TOTALS--SANDSTONE AND GRANITE		
	228,788 cu. ft.	\$353,837
	302,813 cu. ft.	433,268
		<b>\$837,105</b>



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